

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for management for connection to a public network in which an electronic apparatus including an access controller for detecting connection or non-connection to a network cable and a micro-computer is used, said method comprising:

carrying out, in executing an application, a first check to determine if a malfunction pertinent to the network connection exists, by detecting a state of an electrical connection of said network cable, responsive to a detection output of said access controller;

carrying out, a second check by said access controller, as to whether or not linkage to said public network is normal by determining if a network device connected to the public network and external to the electronic apparatus is malfunctioning only if, as a result of said first check, no malfunction pertinent to the network connection is detected; and

carrying out accessing of said application to said public network if, as a result of said second check, the linkage to said public network is normal.

2. (Currently amended) The method for management for connection to a public network according to claim 1, wherein if, as a result of said first check, the malfunction in said network connection is detected, an indication of the malfunction in said network connection is displayed, and wherein if, as a result of said second check, the malfunction in a linkage to said public network is detected, an indication of the malfunction in said linkage to said public network is displayed.

3. (Currently amended) The method for management for connection to a public network according to claim 1 wherein said application carries out said first and second checks at a preset time interval.

4. (Currently amended) An electronic apparatus for use with a public network, comprising:
a connector jack for connection to a network cable;
an access controller for detecting connection or non-connection of said network cable to said connector jack; and
a micro-computer;

said micro-computer carrying out, in executing an application, a first check to determine if a malfunction pertinent to connection to the public network exists, by detecting a state of an electrical connection of said network cable, responsive to a detection output of said access controller;

carrying out a second check, by said access controller, as to whether or not linkage to said public network is normal by determining if a network device connected to the public network and external to the electronic apparatus is malfunctioning only if, as a result of said first check, no malfunction pertinent to the network connection is detected; and

carrying out accessing of said application to said public network if, as a result of said second check, the linkage to said public network is normal.

5. (Currently amended) The electronic apparatus according to claim 4 wherein if, as a result of said first check, the malfunction in the connection to said public network is detected, an indication of the malfunction in said network connection is displayed, and wherein, if, as a result of said second check, the linkage to said public network is not normal, an indication of the malfunction in said linkage to said public network is displayed.

6. (Original) The electronic apparatus according to claim 4 wherein said micro-computer carries out said first and second checks at a preset time interval.

7. (Currently amended) The method for management for connection to a public network according to claim 1, wherein the first check comprises construing a network interrupt output from said access controller.

8. (Currently amended) The method for management for connection to a public network according to claim 1, wherein a correction of the malfunction pertinent to the network connection is controllable by a user of said electronic apparatus.

9. (Currently amended) The method for management for connection to a public network according to claim 1, wherein a correction of the malfunction in a linkage to said public network is not controllable by a user of said electronic apparatus.

10. (Currently amended) The method for management for connection to a public network according to claim 1, wherein the second check includes a time-out period during which said electronic device apparatus ceases to respond to a request from a user of said electronic device apparatus.